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(without alignments)
1874.722 Million cell updates/sec
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                                                                                                                                August 17, 2002, 17:37:42; Search time 60.14 Seconds
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GenCore version 4.5 Copyright (c) 1993 - 2000 Compugen Ltd.
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                                                                                                                                                                                                                                                                                                                                                                          383533 seqs, 122816752 residues
                                                                                      OM nucleic - nucleic search, using sw model
                                                                                                                                                                                                                                                                                                          IDENTITY_NUC
Gapop 10.0 , Gapext 1.0
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Maximum DB seq length: 200000000
                                                                                                                                                                                                                      US-09-769-878-3
                                                                                                                                                                                                                    Title:
Perfect score:
Sequence:
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/cgn2_6/ptodata/2/ina/5A_COMB.seq:*
/cgn2_6/ptodata/2/ina/8B_COMB.seq:*
/cgn2_6/ptodata/2/ina/6B_COMB.seq:*
/cgn2_6/ptodata/2/ina/6B_COMB.seq:*
/cgn2_6/ptodata/2/ina/ptodats/seq:*
/cgn2_6/ptodata/2/ina/ptodats/seq:* Post-processing: Minimum Match 0% Maximum Match 100% Listing first 45 summaries Issued_Patents_NA:*

Database :

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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

	Appli	Appli	App1	Appl	App11	Appli	Appli	App11	App11	App1	Appl	Appli	App1	, Appl	Appl1	Appl	App1	Appl	Appli	Appli	Appli						
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Description	Sequence	Sequence	Seguence	Sequence	Sequence	Sequence	Sequence	Sequence	Seguence	Sequence	Sequence	Sequence	Sequence	Sequence	Seguence	Sequence	Seguence	Seguence	Seguence	Sequence	Sequence						
ID	US-09-316-081-1	US-09-316-081-3	US-09-417-455-4	US-09-348-942-4	US-09-417-455-6	US-09-348-942-6	US-09-000-630C-1	US-08-862-730C-1	US-09-000-630C-27	US-08-862-730C-27	US-08-798-414-1	US-09-131-247-1	US-08-476-860-9	US-08-910-733-9	US-08-910-884-9	US-08-284-784-41	US-08-854-811-41	US-08-809-185-1	US-09-000-630C-24	US-08-862-730C-24	US-08-422-655-1	US-08-476-860-12	US-08-910-733-12	US-08-910-884-12	US-08-459-811-1	US-08-459-092-1	US-08-459-814-1
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& Query Match	99.3	99.3	23.8	23.8	23.8	23.8	21.8	21.8	20.1	20.1	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0
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Sequence 1, Appli Sequence 2, Appli Sequence 1, Appli Sequence 10, Appli Sequence 40, Appli Sequence 25, Appli Sequence 25, Appli Sequence 26, Appli Sequence 3, Appli Sequence 13, Appli Sequence 13, Appli Sequence 11, Appli Sequence 11, Appli Sequence 1, Appli Sequence 1, Appli Sequence 2, Appli Sequence 1, Appli Sequence 2, Appli Sequence 2, Appli		and Methods (enthal) or 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1,	,
US-08-425-232-1 US-08-471-227-2 US-08-479-140-1 US-08-477-143-1 US-08-284-784-40 US-08-854-814-40 US-08-854-814-40 US-09-000-630C-25 US-09-000-630C-25 US-09-131-247-15 US-09-141-455-2	ALIGNMENTS	5. 1n-1 Hy2 Materials 20 Sy09/316,081 Score 455.8; DB Pred. No. 3.8e-12 O. Mismatches gatactacataataata [1][[][[][][][][][][][][][][][][][][][
20.0 20.0 20.0 20.0 20.0 20.0 20.0 20.0		1, Application US/093 1, Application US/093 1, 6339141 INFORMATION: NT: Ballinger, Dennis of the State of the	
28 91.8 31.0 91.8 32.0 91.8 32.0 91.8 32.0 91.8 32.0 91.8 32.0 91.8 32.0 91.8 32.0 91.8 32.0 91.8 32.0 91.4 42.0 91.4 42.0 92.6 92.6 92.6 92.6 92.6 92.6 92.6 92.6		UGUT 1 -09-316- Sequence Sequence Sequence Sequence APPLICA APPLICA APPLICA APPLICA APPLICA APPLICA CURRENT NUMBER SEQ ID N LENGTH YPE: PREATUR NAME/K NAME/	
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            54 atgititecetececatggeaagatactacataattaaatatgeagaccagaaggeteta 113
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                      99.3%; Score 455.8; DB 4; Length 998; 99.6%; Pred. No. 3.8e-120; Live 0; Mismatches 2; Indels 0;
                                                                                                                                                                                     GENERAL INFORMATION:
APPLICANT: Ballinger, Dennis G.
APPLICANT: Ballinger, Dennis G.
TITLE OF INVENTION: Interleukin-1 Hy2 Materials and Methods FILE REFERENCE: 28110/35659
CURRENT APPLICATION NUMBER: US/09/316,081
CURRENT FILING DATE: 1999-05-20
NUMBER OF SEQ ID NOS: 11
SOFFWARE: Patentin Ver. 2.0
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                                                                          tcagcccgtaccaagttttactttgaacagagctggtag 459
                                                                                                                                                             Sequence 3, Application US/09316081 Patent No. 6339141
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Matches 457; Conservative
                                                                                                                                                                                                                                                                                                                                                       TYPE: DNA
ORGANISM: Homo sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Similarity
                                                                                                                                                                                                                                                                                                                                                                                                               ; LOCATION: (3)..(512)
US-09-316-081-3
                                                                                                                                                                                                                                                                                                                                                                                                 NAME/KEY: CDS
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Best Local S
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; Sequence 4, Application US/09417455

RESULT 3 US-09-417-455-4

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TITES OF INVENTION: A NOVEL INTERLEUKIN-1 RECEPTOR ANTAGONIST AND USES THEREOF
FILE REFERENCE: 28110/36328
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   195 ccyctycctygcatytytygagacagaagagygyccttccctacayctygaygatytyaa 254
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9
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Pred. No. 5.9e-22;
0; Mismatches 158; Indels 6;
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PRICE : 24110/346324
CURRENT APPLICATION NUMBER: US/09/417,455
CURRENT FILING DATE: 1939-10-13
PRIOR FILING DATE: 1939-10-07
PRIOR FILING DATE: 1939-10-07
PRIOR FILING DATE: 1939-04-05
PRIOR PILING DATE: 1939-04-05
PRIOR PILING DATE: 1939-04-05
PRIOR PILING DATE: 1939-04-05
PRIOR PILING DATE: 1939-04-17
PRIOR PRILING DATE: 1939-04-17
PRIOR PILING DATE: 1939-04-17
PRIOR FILING DATE: 1939-04-13
PRIOR FILING DATE: 1939-06-19
PRIOR FILING DATE: 1938-06-19
PRIOR FILING DATE: 1938-06-19
PRIOR FILING DATE: 1938-06-19
PRIOR FILING DATE: 1938-06-19
PRIOR FILING DATE: 1938-05-20
PRIOR FILING DATE: 1938-05-30
SUGFWARE: FRASERQ FOR WINDGWS VETSION 3.0
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SED IN NO 4
SED IN NO 4
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Best Local Similarity 58.4%;
Matches 230; Conservative
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ORGANISM: Homo sapiens
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; LOCATION: (73)...(537)
US-09-417-455-4
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Sequence 2, Appli Sequence 4, Appli Sequence 5, Appli Sequence 5, Appli Sequence 5, Appli Appli Appli Appli Appl Appli Appli Appli Appli Appli Appli App] Sequence 5, Sequence 5, Sequence 5, Sequence 23, Sequence 23, Sequence 23, Description, Sequence 3 Sequence 5 Sequence 4 Sequence 4 Sequence 2 Sequence 2 Sequence 2 Sequence 1 Sequence 6 Sequence 9 Sequence 9 Sequence Sequence Sequence US-09-348-942-5 US-09-316-081-5 US-09-316-081-5 US-09-348-942-10 US-09-348-942-10 US-09-348-942-9 US-09-348-942-9 US-09-348-942-9 US-09-348-942-9 US-09-346-081-7 US-09-346-081-7 US-09-000-630C-21 US-08-062-730C-3 US-08-063-730C-4 US-08-063-730C-3 US-08-063-730C-3 US-08-063-730C-3 US-08-063-730C-3 US-08-063-730C-3 US-08-063-730C-3 US-08-063-730C-3 US-08-063-730C-3 US-08-063-730C-3 US-08-862-730C-3 US-08-862-730C 03 Length Query 100.0 100.0 34.6 Result ģ

Sequence 1 Sequence 1 Sequence 2

7-778B-1

SUMMARIES

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FastSEQ for Windows Version 3.0
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                                                                         137 ESE----PSARTKFYFEQ 150
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Best Local Similarity
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US-09-316-081-5
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                                                                                                                                                                                                                                                                                                                                                                   61 IQGGSRCLACVETEEGPSLQLEDVNIEELYKGGEEATRFTFFQSSSGSAFRLEAAAWPGW 120
                                                                                                                                                                                                                                                                                                                                                                                               Gaps
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                                                                                                                                                                                                                                                                      1 MCSLPMARYYIIKYADQKALYTRDGQLLVGDPVADNCCAEKICTLPNRGLDRTKVPIFLG 60
                                                                                                                                                                                                                                                                                                    18 MCSLPMARYYIKYADQKALYTRDGQLLVGDPVADNCCAEKICTLPNKGLDRTKVPIFIG 77
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                                                                                                                                                                    Query Match 100.0%; Score 818; DB 4; Length 169; Best Local Similarity 100.0%; Pred. No. 6e-91; Matches 152; Conservative 0; Mismatches 0; Indels
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                      121 FLCGPAEPQQPVQLTKESEPSARTKFYFEQSW 152
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            138 FLCGPAEPQQPVQLTKESEPSARTKFYFEQSW 169
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PRIOR FILING DATE: 1999-10-107
PRIOR PELICATION NUMBER: US 09/348,942
PRIOR FILING DATE: 1999-01-07
PRIOR FILING DATE: 1999-04-05
PRIOR PRICATION NUMBER: US 09/287,210
PRIOR PRICATION NUMBER: US 09/251,370
PRIOR FILING DATE: 1999-04-05
PRIOR FILING DATE: 1999-01-17
PRIOR FILING DATE: 1999-00-17
PRIOR PLICATION NUMBER: US 09/229,591
PRIOR PLICATION NUMBER: US 09/229,591
PRIOR PLILING DATE: 1999-00-13
PRIOR PLILING DATE: 1998-00-19
PRIOR FILING DATE: 1998-06-19
PRIOR FILING DATE: 1998-06-19
PRIOR FILING DATE: 1998-06-19
PRIOR PLILING DATE: 1998-06-19
PRIOR PLILING DATE: 1998-06-19
PRIOR APPLICATION NUMBER: US 09/092,364
PRIOR FILING DATE: 1998-06-19
PRIOR PLILING DATE: 1998-06-15
PRIOR APPLICATION NUMBER: US 09/092,000
PRIOR PLILING DATE: 1998-06-15
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SOFTWARE: FastSEQ for Windows Version 3.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 CURRENT APPLICATION NUMBER: US/09/417,455
CURRENT FILING DATE: 1999-10-13
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                                              TYPE: PRT
CORGANISM: Homo sapiens
US-09-316-081-4
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ORGANISM: Homo sapiens
US-09-417-455-5
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SEQ ID NO 4
LENGTH: 169
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77 PSLQLEDVNIEELYKGGEEATRFTFFQSSSGSAFRLEAAAWPGWFLCGPAEPQQPVQLTK 136

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TITLE OF INVERTALION:

APPLICANT: John Ford

TITLE OF INVERTION:

CURRENT APPLICATION NUMBER: US/09/348,942

CURRENT APPLICATION NUMBER: US/09/348,942

CURRENT APPLICATION NUMBER: US/09/04/291

EARLIER APPLICATION NUMBER: US/09/04/291

EARLIER FILING DATE: 1999-04-05

EARLIER APPLICATION NUMBER: US/09/251,370

EARLIER APPLICATION NUMBER: US/09/29,591

EARLIER APPLICATION NUMBER: US/09/29,591

EARLIER APPLICATION NUMBER: US/09/29,591

EARLIER APPLICATION NUMBER: US/09/29,818

EARLIER APPLICATION NUMBER: US/09/09,818

EARLIER APPLICATION NUMBER: US/09/09,818

EARLIER APPLICATION NUMBER: US/09/09,818

EARLIER APPLICATION NUMBER: US/09/09,818

EARLIER APPLICATION NUMBER: US/09/09,918

EARLIER APPLICATION NUMBER: US/09/09,918

EARLIER APPLICATION NUMBER: US/09/09,818

EARLIER APPLICATION NUMBER: US/09/09,919

EARLIER APPLICATION NUMBER: US/09/09,909

EARLIER APPLICATION NUMBER: US/09/09,909

EARLIER APPLICATION NUMBER: US/09/09,909

EARLIER APPLICATION NUMBER: US/09/09,909

EARLIER PILING DATE: 1998-05-15

NUMBER OF SEQ ID NOS: 30

NUMBER OF SEQ ID NOS: 30

NUMBER OF SEQ ID NOS: 30

NUMBER OF SEQ ID NOS: 30
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APPLICANT: Ballinger, Dennis G.
APPLICANT: Bace, Ann M.

TITLE OF INVENTION: Interleukin-1 Hy2 Materials and Methods
FILE REFERENCE: 28110/35659
CURRENT APPLICATION NUMBER: US/09/316,081
CURRENT FILING DATE: 1999-05-20
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TITLE OF INVENTION: A NOVEL INTERLEUKIN-1 RECEPTOR ANTAGONIST AND USES THEREOF FILE REFERENCE: 28110/36328
CURRENT APPLICATION NUMBER: US/09/417,455
CURRENT FILING DATE: 1999-10-13
PRIOR APPLICATION NUMBER: US 09/348,942
PRIOR FILING DATE: 1999-07-07
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                                                                                                                                                                                                                 Sequence 23, Application US/08862730C
Patent No. 6063600
GENERAL INFORMATION:
APPLICANT: Fuller, Gerald M
APPLICANT: Fuller, Marson L.
TITLE OF INVENTION: Antagonist
NUMBER OF SEQUENCES: 27
CORRESPONDENCE ADDRESS: 27
CORRESPONDENCE ADDRESS: 27
STREET: 2001 Park Place, Suite 1400
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Indels
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  OPERATING SYSTEM: Microsoft Windows SOFTWARE: WordPerfect 6.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                US/08/862,730C
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               COMPUTER 13203-7736
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette, 3.50 inch,
COMPUTER: IBM Compatible
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ) MOLECULE TYPE: rat IL-1ra sequence US-08-862-730C-23
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; Patent No. 6294655
; GENERAL INFORMATION:
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APPLICATION NUMBER: US/08/F
FILING DATE: 5/23/97
INFORMATION FOR SEQ ID NO: 23:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     LENGTH: 178 amino acids
TYPE: amino acid
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160 TNTPKEPCTVTKFYFQE 176
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CITY: Birmingham
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            BEST AVAILABLE COPY
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                                                                                                                                                                                                                                                                                                               16 DOKALYTRDGOLLVGDPVADNC-CAEKICTLPNRGLDRTKVPIFLGIQGGSRCLACVETE 74
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      GENERAL INFORMATION:
APPLICANT: Fuller, Gerald M
APPLICANT: Fuller, Nelson L.
TITLE OF INVENTION: DNA Encoding Canine Interleukin-1 Receptor
TITLE OF INVENTION: Antagonist
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Query Match 31.8%; Score 260.5; DB 3; Length 178; Best Local Similarity 44.5%; Pred. No. 1.2e-23; Matches 61; Conservative 16; Mismatches 53; Indels 7;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                E: Douglas C Murdock/ Bradley, Arant, Rose & White
2001 Park Place, Suite 1400
                                                                                                                                                                                              ch 34.6%; Score 283; DB 4; Length 155; 1 Similarity 45.7%; Pred. No. 1.9e-26; 63; Conservative 20; Mismatches 49; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    COMPUTER: IBM compatible
OPERATING SYSTEM: Microsoft Windows
SOFTWARE: WordPerfect 6.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/000,630C
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Diskette, 3.50 inch,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               MOLECULE TYPE: rat IL-1ra sequence US-09-000-630C-23
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Sequence 23, Application US/09000630C Patent No. 6018029
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PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/862,730
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    INFORMATION FOR SEQ ID NO: 23: SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                             137 ESE----PSARTKFYFEQ 150
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | : | |||:|
136 LPENGGWNAPITDFYFQQ 153
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NUMBER OF SEQ ID NOS: 11
SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 5
LENGTH: 155
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MEDIUM TYPE: Diskett
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     NUMBER OF SEQUENCES: 2'
CORRESPONDENCE ADDRESS:
                                                                                           ; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-316-081-5
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ZIP: 35203-2736
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US-09-000-630C-23
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Best Local (
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Gaps

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PRIOR APPLICATION NUMBER: PCT/US99/04291
PRIOR FILING DATE: 1999-04-05
PRIOR PULLING DATE: 1999-04-05
PRIOR PLILING DATE: 1999-04-05
PRIOR PLILING DATE: 1999-04-05
PRIOR PLILING DATE: 1999-02-17
PRIOR PLILING DATE: 1999-02-17
PRIOR PPLICATION NUMBER: US 09/229, 591
PRIOR PLILING DATE: 1999-01-13
PRIOR PLILING DATE: 1999-07-31
PRIOR PRILING DATE: 1998-07-31
PRIOR PRILING DATE: 1998-07-31
PRIOR PLILING DATE: 1998-07-31
PRIOR PLILING DATE: 1998-05-10
PRIOR PLILING DATE: 1998-05-20
PRIOR PLILING DATE: 1998-05-15
PRIOR PLILING DATE: 1998-05-15
PRIOR PLILING DATE: 1998-05-15
PRIOR PLILING DATE: 1998-05-15
PRIOR PRILING DATE: 1998-04-03
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US-09-417-455-10
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SCHEALL INCOMENTION:

APPLICANT: John Ford

TITLE OF INVENTION: A MOVEL INTERLEUKIN-1 RECEPTOR ANTAGONIST AND USES THEREOF

FILE REFERENCE: 28110/35801

CURRENT APPLICATION: NUMBER: US/09/348,942

CURRENT FILING DATE: 1999-04-05

EARLIER FILING DATE: 1999-04-05

EARLIER FILING DATE: 1999-04-05

EARLIER FILING DATE: 1999-04-05

EARLIER FILING DATE: 1999-02-13

EARLIER APPLICATION NUMBER: US 09/251,370

EARLIER APPLICATION NUMBER: US 09/229,591

EARLIER APPLICATION NUMBER: US 09/229,591

EARLIER APPLICATION NUMBER: US 09/299,818

EARLIER APPLICATION NUMBER: US 09/099,818

EARLIER FILING DATE: 1998-07-31

EARLIER APPLICATION NUMBER: US 09/099,818

EARLIER FILING DATE: 1998-05-13

EARLIER FILING DATE: 1998-05-13

EARLIER FILING DATE: 1998-05-15

EARLIER FILING DATE: 1998-05-15
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                                                                                                                                                                                                                                     45 NOKTFYLRNNQLIAGYLQGPNTKLEEKIDMVP---IDFRNV--FLGIHGGKLCLSCVKSG 99
                                                                                             Gaps
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    DB 4; Length 178;
/ Match 31.8%; Score 260.5; DB 4; Length 1
Local Similarity 44.5%; Pred. No. 1.2e-23.
les 61; Conservative 16; Mismatches 53; Indels
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; Patent No. 6337072
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    Query Match
Best Local S
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Sequence 9) Application US/09417455
Patent No. 6294655
Patent No. 6294655
PATENT NO. 6294655
TERERAL INFORMATION:
APPLICANT: Ford, John
APPLICANT: Pace, M. NOVEL INTERLEUKIN-1 RECEPTOR ANTAGONIST AND USES THEREOF
FILE REFERENCE: 28110/36328
CURRENT APPLICATION NUMBER: US/09/417,455
CURRENT APPLICATION DATE: 1999-10-13
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                                                                                                                                                                                                                                                                                16 DQKALYTRDGQLLVGDPVADNC-CAEKICTLPNRGLDRTKVPIFLGIQGGSRCLACVETE 74
                                                                                                                                                                  Ouery Match 31.8%; Score 260.5; DB 4; Length 178; Best Local Similarity 44.5%; Pred. No. 1.2e-23; Matches 61; Conservative 16; Mismatches 53; Indels 7;
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Patent No. 6339141
GENERAL INFORMATION:
APPLICANT: Ballinger, Dennis G.
APPLICANT: Ballinger, Dennis G.
APPLICANT: Pace, Ann M.
TITLE OF INVENTION: Interleukin-1 Hy2 Materials and Methods
FILE REPERENCE: 28110/35659
CURRENT APPLICATION NUMBER: US/09/316,081
CURRENT FILE OFFE: 1999-05-20
NUMBER OF SEQ ID NOS: 11
SOFTWARE: Patentin Ver. 2.0
SOFTWARE: FastSEQ for Windows Version 3.0 SEQ ID NO 10 LENGTH: 178
                                                                                                                                                                                                                                                                                                                                                                                                                         135 TK-ESEPSARTKFYFEQ 150
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US-09-348-942-10
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; ORGANISM: Rattus rattus
US-09-316-081-6
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Best Local Similarity
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US-09-417-455-9
                                                                 TYPE: PRT
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TITLE OF INVERTION: A NOVEL INTERLEUKIN-1 RECEPTOR ANTAGONIST AND USES THEREOF
FILE REPERENCE: 20110/35801
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       4
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PRIOR APPLICATION NUMBER: US 09/348,942
PRIOR FILING DATE: 1999-07-07
PRIOR APPLICATION NUMBER: PCT/US99/04291
PRIOR FILING DATE: 1999-04-05
PRIOR FILING DATE: 1999-04-05
PRIOR FILING DATE: 1999-02-17
PRIOR PLILATION NUMBER: US 09/251,370
PRIOR FILING DATE: 1999-02-17
PRIOR FILING DATE: 1999-02-17
PRIOR FILING DATE: 1999-02-17
PRIOR FILING DATE: 1999-07-31
PRIOR FILING DATE: 1999-07-31
PRIOR FILING DATE: 1999-06-19
PRIOR FILING DATE: 1998-06-19
PRIOR FILING DATE: 1998-06-19
PRIOR FILING DATE: 1998-06-19
PRIOR FILING DATE: 1998-06-10
PRIOR FILING DATE: 1998-06-10
PRIOR PRIOR APPLICATION NUMBER: US 09/095,909
PRIOR PRIOR DATE: 1998-06-15
PRIOR PRIOR DATE: 1998-06-15
PRIOR PRIOR DATE: 1998-06-15
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APPLICATION NUMBER: US 09/229,591
FILING DATE: 1999-01-13
PPLICATION NUMBER: US 09/127,698
FILING DATE: 1998-07-31
APPLICATION NUMBER: US 09/099,818
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FILING DATE: 1988-05-20
APPLICATION NUMBER: US 09/079,909
FILING DATE: 1998-05-15
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            NUMBER OF SEQ ID NOS: 30
SOFTWARE: FastSEQ for Windows Version 3.0
SEQ ID NO 9
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    US-09-348-942-9; Sequence 9, Application US/09348942; Patent No. 6337072
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59 LGIQGGSRCLACVETEEGPSLQLEDVNIEELYKGGEEATRFTFGSSSGSAFRLEAAAWP 118
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Partent No. 6018029
Settor No. 6018029
September INFORMATION:
APPLICANT: Funites, Gerald M
APPLICANT: Funites, Nalson L.
TITLE OF INVENTION: DNA Encoding Canine Interleukin-1 Receptor
TITLE OF INVENTION: Antagonist
                                                                                                                                                                                                                                                                                                                                                                                                                                                     Length 178;
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APPLICANT: Ballinger, Dennis G.
APPLICANT: Ballinger, Dennis G.
APPLICANT: Pace, Ann Merleukin-1 Hy2 Materials and Methods
FILE REFERENCE: 28110/33559
CURRENT APPLICATION NUMBER: US/09/316,081
CURRENT FILING DATE: 1999-05-20
NUMBER OF SEQ ID NOS: 11
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44.5%; Pred. No. 2.7e-23;
tive 16; Mismatches 53; Indels
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|143 GWFLCTALEADQPVGLINTPKAAVKVTKFYFQQ 175
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                         NUMBER OF SEQ ID NOS: 30 SOFTWARE: FastSEQ for Windows Version 3.0 SEQ ID NO 9
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US-09-316-081-7
; Sequence 7, Application US/09316081
; Patent No. 6339141
EARLIER FILING DATE: 1998-04-03
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Best Local Similarity 40.5%
Matches 62; Conservative
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Best Local Similarity 44.5%;
Matches 61; Conservative
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                                                                                                                                                                                                                                                           ) ORGANISM: Mus musculus US-09-348-942-9
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US-09-316-081-7
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Patent No. 605500
GARBAL INFORMATION:
GAPLICANT: Fuller, Gerald M
APPLICANT: Funces, Nelson L.
TITLE OF INVENTION: DNA BECOding Canine Interleukin-1 Receptor
TITLE OF INVENTION: Antagonist
NUMBER OF SEQUENCES: 27
CORRESPONDENCE ADDRESS:
ADDRESSEE: Douglas C Murdock/ Bradley, Arant, Rose & White STREET: 2001 Park Place, Suite 1400
CITY: Birmingham
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ADDRESSEE: Douglas C Murdock/ Bradley, Arant, Rose & White STREET: 2001 Park Place, Suite 1400 CITY: Birmingham
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Query Match 31.2%; Score 255.5; DB 3; Length 178; Best Local Similarity 44.5%; Pred. No. 4.7e-23; Matches 61; Conservative 16; Mismatches 53; Indels 7;
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                                                                                                                                                                                COMPUTER READABLE FORM:
MEDIUM TYPES: Diskerte, 3.50 inch,
COMPUTER: IBM compatible
OPERATING SYSTEM: Microsoft Windows
SUSTIANE: Wordberfect 6.0
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ; TOPOLGGY: linear; MOLECULE TYPE: mouse IL-1ra sequence US-09-000-630C-21
                                                                                                                                                                                                                                                                                                                               APPLICATION NUMBER: US/09/000,630C
                                                                                                                                                                                                                                                                                                                                                 FILING DATE:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/862,730
                                                                                                                                                                                                                                                                                                                                                                                                                                        INFORMATION FOR SEQ ID NO: 21: SEQUENCE CHARACTERISTICS: LENGTH: 178 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           : 178 amino acids
amino acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   135 TK-ESEPSARTKFYFEQ 150
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                160 TNTPEEPLIVTKFYFQE 176
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           COMPUTER READABLE FORM:
MEDIUM TYPE: Diskett
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   35203-2736
                                                                                                                                                                35203-2736
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Alabama
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     STRANDEDNESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 USA
                                                                                                                                                                                                                                                                                                                                                                                                                           FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            US-08-862-730C-21
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            COUNTRY:
                                                                                                                      STATE:
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75 EGPSLQLEDVNIEELYKGGEEATRFTFFQSSSGSAFRLEAAAWPGWFLCGPAEPQQPVQL 134
                                                                                                                                                                                                                                                                                                                                                                  Gaps
                                                                                                                                                                                                                                                          16 DOKALYTRDGQLLVGDPVADNCCAE-KICTLPNRGLDRTKVPIFLGIQGGSRCLACVETE 74
                                                                                                                                                                                                                 7;
                                                                                                                                                                      Ouery Match 31.2%; Score 255.5; DB 3; Length 178; Best Local Similarity 44.5%; Pred. No. 4.7e-23; Matches 61; Conservative 16; Mismatches 53; Indels 7;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Search completed: August 17, 2002, 18:50:54 Job time: 4386 sec
                                                                   TOPOLOGY: linear MOLECULE TYPE: mouse IL-1ra sequence US-08-862-730C-21
                                                                                                                                                                                                                                                                                                                                                                                                                                   135 TK-ESEPSARTKFYFEQ 150
                                                                                                                                                                                                                                                                                                                                                                                                                                                           LENGTH: 178 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
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BESI AVAILALLE CO
                                                                                                                                                                                                  APPLICANT: Ballinger, Dennis G.
APPLICANT: Ballinger, Dennis G.
APPLICANT: Bace, Ann M.
APPLICANT: Pace, Ann M.
APPLICANTON: Interleukin-1 Hy2 Materials and Methods FILE REPERENCE: 28110/35659
CURRENT APPLICATION NUMBER: US/09/316,081
CURRENT FILING DATE: 1999-05-20
NUMBER OF SEQ ID NOS: 11
SEQ ID NO 3
LENGTH: 998
                                                        Sequence 3, Application US/09316081
Patent No. 6339141
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                  ORGANISM: Homo sapiens
                                                                                                                                                                                                                                                                                                                                                                                                              ; LOCATION: (3)..(512) US-09-316-081-3
                                                                                                                                                                                                                                                                                                                                                                                                 NAME/KEY: CDS
                                                                                                                                RESULT 2
US-09-316-081-3
                                                                                                                                                                                                                                                                                                                                                       TYPE: DNA
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. Gaps ö 99.3%; Score 455.8; DB 4; Length 998; 99.6%; Pred. No. 3.8e-120; 1.ve 0; Mismatches 2; Indels 0 Best Local Similarity 99.6 Matches 457; Conservative Query Match

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ctggaggatgtgaacattgaggaactgtacaaaggtggtgaagaggccacacgcttcacc 300 ctggaggatgtgaacattgaggaactgtacaaaggtggtgaagaggccacacgcttcacc 353 294 241 å

301

ttattacagagagagatcaggattaggacttaggattgaggacgatgactggattgg 360 361 ö 셤

tteetgtgtggeeeggeagageeeeageageeagtaeageteaetaaggagagtgageee 420 414 tteetgtgtggeeeggeagageeecageageeagtacageteaceaaggagagagtgageee 473 셤 ð

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RESULT 3 US-09-417-455-4 ; Sequence 4, Application US/09417455

TITLE OF INVENTION: A NOVEL INTERLEDKIN-1 RECEPTOR ANTAGONIST AND USES THEREOF FILE REFERENCE: 281/0/36328 CURRENT APPLICATION NUMBER: US/09/417,455 CURRENT APLICATION NUMBER: 1999-10-13 PRIOR APPLICATION WINEER US 09/348,942
PRIOR FILING DATE: 1999-07-07
PRIOR APPLICATION NUMBER: US 09/248,942
PRIOR FILING DATE: 1999-07-07
PRIOR PLILING DATE: 1999-04-05
PRIOR PLILING DATE: 1999-04-05
PRIOR FILING DATE: 1999-04-05
PRIOR FILING DATE: 1999-04-05
PRIOR FILING DATE: 1999-01-17
PRIOR FILING DATE: 1999-01-17
PRIOR FILING DATE: 1999-01-17
PRIOR FILING DATE: 1999-01-18
PRIOR FILING DATE: 1998-05-19
PRIOR FILING DATE: 1998-05-19
PRIOR FILING DATE: 1998-06-19
PRIOR FILING DATE: 1998-06-19
PRIOR FILING DATE: 1998-06-19
PRIOR FILING DATE: 1998-05-20
PRIOR FILING DATE: 1998-05-20
PRIOR FILING DATE: 1998-05-10
PRIOR FILING DATE: 1998-05-10
PRIOR PRIOR DATE: 1998-05-10
PRIOR PRIOR DATE: 1998-05-10
PRIOR PRIOR DATE: 1998-05-10 SOFTWARE: FastSEQ for Windows Version 3.0 NUMBER OF SEQ ID NOS: 30 ; LOCATION: (73)...(537) US-09-417-455-4 ORGANISM: Homo sapiens APPLICANT: Ford, John APPLICANT: Pace, Ann GENERAL INFORMATION: NAME/KEY: CDS 1282 SEQ ID NO 4 IYPE: DNA

Gaps 9 Length 1282; Indels Score 109.2; DB 4; Pred. No. 5.9e-22; 0; Mismatches 158; tich 23.8%; sal Similarity 58.4%; 230; Conservative Query Match Best Local Similarity Matches 230; Conserv

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87 ggcgctgtgcttccgaatgaaggactcggcattgaaggtgctttatctgcataataacca 146 78 gctgctggtgggagatcctgttgcagacaactgctgt.--gcagagaagatctgcacact 134 18 ggcaagatactacataattaaatatgcagaccagaaggctctatacacaagagatggcca 77 g ò ò

135 tectaacagaggettggacegeaceaaggteeceatttteetggggateeagggagggag 194 207 ccccaatcggtggctggatgccagcctgtcccccgtcatcctgggtgtccagggtggaag 266 g õ

147 gcttctagctggagggctgcatgcagggaaggtcattaaaggtgaagagtcagcgtggt 206

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195 cogotgociggcatgitggagacagaagagggcottcoctacagotggaggatgigaa 254 q οy

255 cattgaggaactgtacaaaggtggtgaagaggccacacgcttcaccttcttccagagcag 314 324 catcatggagctctatcttggtgccaaggaatccaagagcttcaccttctaccggcggga 383 셤 à

384 catggggctcacctccagcttcgagtcggctgcctacccggggctggttcctgtgcacggt 443 ö g

ggcagagccccagccagtacagctcactaag 408 444 gcctgaagccgatcagcctgtcagactcacccag 477